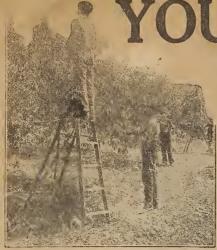
## Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.







Peaches

There would be bearing Peach trees in every garden but for the still widespread belief that Peaches can be grown only in ertain localities, especially favored as to soil an I weather conditions. The idea has been abundantly dis-

Peach trees will "survive the winter," thrive and fruit in any soil where corr. potatoes, beans, flax or cotton will grow, and where apple trees will fruit.

True, late spring frosts sometimes kill peach blossoms. That happens in Florida. It happens right here in Southern Michigan, but we have peaches every year just the same. So will you, if you plant at least a few Peach trees in your garden.

an your garden.

There are profitable Peach orchards in Manitoba, Canada—and that is straight north. Manitoba has neither Gulf Stream nor Japanese Current to influence its climate. It's cold there in the winter, mighty cold, and peaches grow thora.

Wherever the Peach is planted as an experiment, it has a way of remaining as the pride of the garden. Then a few small Peach or chards are planted in the same vicinity, paying immensely from the start—and folks in the neighborhood wake up to the fact that their location is neither too hot nor cold nor wet nor too dry, hor too far north, east, south or west to grow Peaches.

The Peach quickly adapts itself to soil and temperature. Some blossoms will be nipped by frosts, periodically, whether in Florida or Manitoba. In Florida the Peach attains three times the size of the Manitoba Peach. But leave it to the "Canucks" if the Canadian Peach is not three times as good as the southern grown Peach.

But a small space of ground is required to support a Peach tree. In your garden that tree will prove its ability to supply your table with luxurious food. As one tree in a Peach orchard it will increase your income tax—and pay it, too!

#### Plant at Least a Few Choice Peach Trees in Your Orchard

Every Peach tree you plant will pay liberal dividends in choice fruit for your table.

Plant one or two trees of several varieties, and thus secure a variety of flavor and quality.

Fortilize the soil around each tree liberally, and the third year you will have some Peaches from your own

garden trees to help out on the table. After that the crop will be larger every year as the trees increase in size.

You like Peaches. You have room for at least a few choice trees in your garden, and you CAN grow Peaches—Try it!

#### Or a Small Home Orchard of 10 to 100 Peach Trees

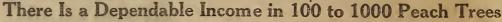


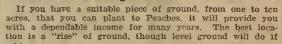
Each tree in full bearing can be depended upon for 2 to 3½ bushels of first class Peaches. The tree should not be allowed to carry more, One good thing about the Peach tree is that you do not have to stimulate the tree into heavy production. Instead, you must intelligently "thin" the crop down to a few bushels every year.

There is doubtless a small piece of ground where you could plant from ten to possibly a hundred Peach trees. A few dollars for trees and a little work planting them will yield wonderful returns for your time and money. You, will have Peaches throughout the season on your table, and all you can possibly use for canning, without seeming to make any noticeable "hole" in your crop.

And you would hundreds of descriptions of the production of t

And you will have a dependable cash crop of quickly salable fruit that will figure up in the hundreds of dollars every fall.





close to lower ground. There is a reason for this. Cold air is heavy, sinks to the low spots and forces the warmer, lighter air upward. If your orchard is planted on ground that is a little higher than the surrounding ground, the Peach blossoms will be protected from the late spring frosts. The frosty air sinks to the lower spots, forcing the warmer air upward to your Peach trees, protecting them from injury.

It takes but 100 Peach trees to plant an acre, and if you set out our Grade A. Standard Planting Size trees, the cost per acre is but \$25.00 for the trees. Cheaper than a seeding of clover.

The first year, by growing a crop of corn, early potatoes or beans in and between the rows of trees you will get practically a full crop from your land. The second season you can crop about two-thirds of the orchard—and the third year you have Peaches!

There is hardly a spot in the country but just one good crop of Peaches will pay for the trees, the rental value of the land, the care of the trees, and leave a nice profit besides. Just a few acres of Peaches will, in five years, become a valuable piece of income property.



## Financial Independence in a Large Acreage

As a business proposition, as a sound investment, as a means of insuring "easy circumstances" for the near future and a competance for life, a Commercial Peach Orchard is worthy of consideration.

It does not require a heavy cash outlay to buy Peach trees to plant forty acres. It takes some extra labor for planting, but you can get almost a full corn-crop from the orchard the first year and more than half a crop the second.

You will have some Peaches to help along with the third season's expenses, while the

second crop of Peaches will pay up everything and leave a substantial margin. After that you are on "Easy Street."

Think it over seriously, but plant at least a few Peach trees this spring!

least a few Peach trees this spring!

We will be glad to quote special prices on Peach trees in thousand lots for extensive commercial planting. Write to us giving the acreage you propose to plant, and the varieties. We can supply you with the very best of pedigreed planting stock at prices that will mean a real saving to you.

#### Best for YOU to Plant Why "Model Garden Club" Peach Trees Are the

Here in Southern Michigan, where we grow Peaches as a "cash crop," we have found by experience that the value of the crop will be largely influenced by the quality of the trees we plant.

We have found that a healthy, hardy, tough but slender tree from two to three feet high, with a mass of fine feeder roots, will outgrow, outstip and outyield a heavy tree an inch in diameter and five feet high, but with hard, tough roots, if both trees are planted at the same time. We have planted Peach trees from Nurseries in all parts of the country, and one fact stands out clear, proved by the trees and the crop; and that fact is The Peach trees that have made the most rapid growth and have produced the best Peaches over a longer period, and have resisted disease with remarkable success, have been the Peach trees that were grown in the Cumberland Mountains.

The soil has something to do with it. So has the clear, sharp, bracing air, with the long growing season. The Cumberland Mountain Peach tree is slender, tough, hardy, and has a solid mat of fine fibrous roots that adapt themselves to any soil—clayey, sandy, stoney or

The Peach seed (from which the roots are produced) is carefully gathered from the native wild peach trees of the Cumberlands. It produces a seedling like its parent, tough, hardy, and with an immense system of fine fibrous roots.

Buds are cut from Peach trees of absolutely known varieties, in orchards that have made high records for the production of quality fruit. The "Model Garden Club Peach Tree" produced by this union is slender, of medium size, but of unexcelled hardiness. It possesses all the rugged-

ness and disease-resisting qualities of its wild parent, and all the fruit-producing and cropping qualities of its cultivated parent. It has a root system that adapts itself to any soil, and a constitutional vigor that successfully resists the ravages of insects, disease and extreme cold.

Varieties are grown in widely separated, solid blocks, and are dug and labeled separately. There is no chance for "accidental" mixtures, as dif-ferent varieties never come together until as-sembled in an order.

You can order "Model Garden Club Peach" with the certain knowledge that you will be planting the very best trees obtainable, anywhere or at any price.

All our Peach trees are shipped from our Nursery packing house in Tennessee, the charges to be paid on receipt of the trees.



#### This Spring Be Sure to Make a Trial Planting of "Model Garden Club" Peach

THE QUALITY. Read the article at the bottom of the opposite page (Page 2) "Why Model Garden Club Peach Trees are the Best for You to Plant." It tells the whole story. The experience of Peach Growers the country over agrees with our own as to the best type of Peach tree to plant. We grow that type as being the best for our own use. In planting "Model Garden Club" Peach you are profiting from a quarter-century of successful experience of America's foremost Peach growers.

## Sizes and Prices

The Commercial planter requires a Peach tree not over three feet high. Some prefer them just under two feet. The gardener usually wants a Peach tree as big as he can buy. "Model Garden Club" Peach Trees are classified into three commercial sizes, all possessing the characteristics of hardiness, vigor, sturdiness, and possessing a heavy mat of fine, fibrous roots.

#### Extra Large (Size X)

30 to 299 Trees 1 to 9 Trees 10 to 29 Trees 300 or More 45c Each 40c Each 35e Each 30c Each

These trees are especially selected for garden planting. They run from 3 to 4 feet high, with diameter in proportion. But they have the masses of fine roots to correspond. On this account they can be very successfully used in Orchard Planting as they possess the hardiness and vigor not usually found in large Peach trees.

#### Standard Planting Size A

1 to 9 Trees 10 to 29 Trees 30 to 299 Trees 300 or More 30c Each 271/2c Each 25c Each 221/2c Each

From 2 to 3 feet high. Sturdy, straight, vigorous, hardy, and with a root system that means rapid growth and an abundant crop. This is the size most generally used in orchard planting. When ordering, specify "Size A."

#### Standard Planting Size B.

1 to 9 Trees 10 to 29 Trees 30 to 299 Trees 300 or More 25c Each 20c Each 17½c Each 15c Each

Just under two feet in height, but in all other respects they are the same as Size A, and are preferred by many planters. Many of the largest orchards in the country are planted to trees of this size, as some of the largest growers prefer this size to the larger, even at the same price. Specify "Size B."

#### We Do Not Prepay the Freight or Express Charges

The prices quoted above arc for Peach Trees as described, carefully packed and wrapped and delivered on board cars at our Nursery Packing House in Tennessec. We will send by Freight, Express or Parcel Post, charges to be paid by you when your shipment of trees arrives. If you leave it to us to select the best method of shipment, we Guarantee all trees to arrive in first-class planting condition.

#### We Offer MAILING SIZE Peach Trees in the Same Varieties

30 cents Each (By Parcel Post, All Charges Prepaid) 10 for \$2.00 \$15.00 per 100 50 for \$8.75 Four for One Dollar

For Pleasure and

7.(7:133

IRE ARE many varieties of Peach Trees. succeed best in the South. Others are best adapted to other localities, and as a consequence have but a

to other localities, and as a consequence have but a limited, local demand. Some otherwise splendid varieties have specific defects. One is especially susceptible to blight, another to rot. Still others are poor shippers. As a Peach tree is almost a permanent investment, common sense will dictate planting varieties of real merit only. The six varieties we offer are those that have proved to be of enduring worth under the most unfavorable conditions. A good Peach under unfavorable conditions is always a still better Peach under more favorable conditions of soil and climate.

climate.

We offer you these six varieties that have proved themselves the best Peaches under all conditions.

#### The Elberta

is first, because it is the best known. It is thoroughly good. Handsome in appearance; a deep crimson blush over a golden yellow skin. Delicious, melting quality. A tremendous cropper. Hardy, and very resistant to disease. It is the most generally planted Peach and appears to succeed everywhere.

#### J. H. Hale

has had some very startling claims made for it. These claims of success have been so well substantiated by the experience of growers in all parts of the country, that this variety may succeed in supplanting the Elberta as the general first choice. It is superior to the Elberta in every way, is larger, better, carlier, and will produce a larger crop.

#### Belle of Georgia .

A short-season Pcach that succeeds in the far north. Very hardy. A large, creamy-white, red-cheeked freestone, with delicious white fiesh. It deserves general planting on account of its very good quality, and its satisfactory behaviour everywhere.

#### Hiler

A large, good freestone. Yellowish white skin with deep red cheek. The flesh is pale yellow, firm, juicy and delicious. It is a very hardy, altogether desirable variety, and bears an immense crop of early Peaches.

#### Early Rose

Very similar to the Belle of Georgia, but earlier, hardier, and with pink flesh. It is the very earliest good peach, a freestone, well adapted to cold, northern locations. Hardy and vigorous, its quality, flavor and aroma are unsurpassed.

#### Carman

Probably the handsomest Peach grown. A red-cheeked, golden yellow freestone. White flesh, tinged with pink; tender, of fine flavor and very jutey. One of our very best shippers, virginization and control of the probably to be a control of the peach of ripening a good crop medium early.

From the six varieties listed above you can make a selection of Peach trees that will succeed wherever the Peach can be grown.

You will have Early Peaches, Mid-Season Peaches and Late Peaches, all "free-stones," all universally popular, all suitable for your own use in your garden, and all desirable as market

If you plant a few "Model Garden Club" Peach trees in your garden this spring, you will be back after more within the next few years.





# Grow DEWBERRIES for Profit

The DEWBERRY is becoming more popular every year as a source of the rich, heavy fruit juice, so valuable for nourishing foods and healthful beverages. The berry is much like a blackberry in shape and appearance, but is larger, richer in flavor, and has fewer and smaller seeds. The berries are borne in large clusters, well to the outside of the vine, which makes for ease and economy in picking. The berries are firm, and hold up remarkably well under shipment over long distances.

#### A Favorite of the Commercial Berry Grower

The easily harvested, quickly salable berries that are borne in profusion on the Dewberry vines, make this fruit a prime favorite with the commercial berry grower. He does not have to wait several years for his first crop, for the dewberry fruits the next summer after being planted, and increases in yield annually until the third summer, when the vine reaches its full growth. The same virtues that endear the Dewberry to the commercial planter, make it an equal favorite with the Home Gardener. The fruit can be allowed to hang on the vines long after it is ripe, and gets mellower without dropping from the vine. You can pick the fruit, for the table, as you want it, allowing the crop to hang on the vines until in the sweetest, mellowest condition, when it can all be harvested at one picking, and canned or pressed for juice.

#### Not Injured by Insects, Diseases or Frost

The Dewberry blossoms late, well out of the way of late spring frosts. As the berry ripens in late summer, the crop is off the vines long before the approach of cold weather or frosts of late fall. As regards insects and plant diseases that prey on other fruits, the Dewberry appears to bear a charmed life. Neither insects nor diseases appear to have any effect either upon the vine or the berry. It is immune. It requires no spraying.

#### The Rival of the Grape

As a source of sweet, rich, heavy fruit juice, the Dewberry is coming more and more into favor, as a rival of the Grape. Even in the districts where the Concord Grape is the main fruit crop, the Dewberry is being more extensively planted, year after year. It is proving a more profitable crop than the Grape. Not only on account of the merits mentioned above,—the freedom from insects and diseases, and the immunity to frost, but on account of the actual cash returns.

#### More Clear Profit per Acre than from Grapes

A grape vine requires 100 square feet of soil (planted 10 by 10 feet) and with proper care, spraying and cultivation will yield a bushel, or 50 pounds of grapes, worth usually around \$2.00. In the same space four Dewberry plants will be contained, that will yield 16 quarts of berries that find ready sale at \$3.00 for a 16-quart case. But the Dewberries can be grown and marketed for about one-half the cost of growing and marketing the bushel of grapes.

#### Improved Lucretia the Best

Improved Lucretia the Best

The Improved Lucretia Dewberry is a product of the Concord Grape country. It is a thrifty grower, making long, lusty fruit spurs to carry the heavy crop. The berries measure an inch across and from an inch and a quarter to an inch and a half long. It is glossy black, firm until dead ripe, and each berry is literally packed with delicious, sweet, winey juice. The Improved Lucretia rewards good care with immense crops of quickly salable fruit. The seeds are very fine, hardly noticeable.

#### Succeeds on "Thin" Soil

Succeeds on "Thin" Soil

The Improved Lucretia Dewberry succeeds on thin, sandy soil and produces paying crops where many other kinds of berries would fail. On the eastern shore of Lake Michigan, where the soil is very light, the Improved Lucretia is at home, and is known as the one dependable cash crop that never falls. One little town on the Lake Shore, of but a few hundred population, is the headquarters of the Michigan Dewberry Association. Most of the Dewberries grown in the territory are marketed through this Association which is one of the soundest co-operative marketing associations in the country. And yet this entire territory is sandy. The soil, in the summer, resembles nothing so much as white Lake "blow" sand. And that white lake sand produces a crop of Dewberries that runs into the hundred thousands of dollars in value, every season, with never a failure!

Berries the Next Summer

#### Berries the Next Summer

One of the greatest features of the Improved Lucretia Dewberry, and the feature that recommends it to the business berry grower, is the quick returns for the labor of planting. The first summer the plants put

forth their "fruit spurs," and the next summer you have a good crop! Then each year the crop increases in size and value, until the third year, when they attain their full size. You do not lose revenue from the ground, though, even for the first season. For it is customary to plant the Dewberry plants in with corn or potatoes or beans. The cultivation you are certain to give the annual crop is very beneficial to the growing vines, and encourages them to root deep and throw out long, vigorous fruit arms. Then the next season these fruit arms will be set throughout their entire length with massive clusters of glossy, juicy berries.

"Trellicing" Increases the Crop.

#### "Trellising" Increases the Crop

"Trellising" Increases the Crop
As the Dewberry is by nature a "creeper," it is necessary to support the vines on trellis or a wire, for best results. In the home garden they may be allowed to creep on the ground, but the size of the crop is increased and the picking rendered much easier if the vines are trellised. The method in most general practice is to drive a post or a stout stake every twenty feet, and along the top of these posts run a wire the length of the row. In the spring the new fruit spurs are raised from the ground and tied up to the wine in the crop of the crop is increased and the picking rendered much easier if the vines are trellised. The method in most general practice is to drive a post or a stout stake every twenty feet, and along the top of these posts run a wire the length of the row. In the spring the new fruit spurs are raised from the ground and tied up to the wires be dug, and to be set out or sold. They always in demand and bring a welcome a dition to the income from the pewber action. It is not unusual for the receip from the plants sold to pay all the expens of the cultivation and picking of the crultivation and picking of the crulivation and picking of the cr

are, when grown in this manner, the easiest berries to pick.

#### Big Money in Dewberries and Dewberry Plants

Dewberry Plants

The Improved Lucretia Dewberry is a prolific plant-maker. Each vine will produce from six to a dozen new plants every year. The simplest method of obtaining new plants is, in the fall, to bury the end of each new fruit spur in the ground a few inches, where, during the fall and winter, it takes root. In the spring the fruit spurs or canes are clipped, about ten inches from the buried end, and tied up to the wires in the usual manner. Then the "tip" plants are ready to be dug, and to be set out or sold. They are always in demand and bring a welcome addition to the income from the Dewberry patch. It is not unusual for the receipts from the plants sold to pay all the expenses of the cultivation and picking of the crop, leaving the money from the berries clear profit.

If you have never grown Dewberries, you should not let another season go by without at least a dozen plants in your garden. If you grow fruit for sale, you will find that a half-acre of Improved Lucretia Dewberry plants will be the most profitable half-acre, of berries you can grow. Start now with dependable, true-to-name plants from the Home of the Improved Lucretia Dewberry, and you will soon be selling hundreds of cases of this delightful and popular fruit

#### LUCRETIA DEWBERRY PLANTS Price of IMPROVED

Five for 25c One Hundred for \$2.50

By Mail or Express

Twelve for 50c

Thirty for \$1.00 700 (to plant 1/2 acre), \$15.00

\$20.00 per Thousand

All Charges Prepaid



"A Cherry Tree, once established, requires neither cultivation or pruning, and but very little spraying. Cherries will grow north, south, east or west, in any location or soil that will grow anything else worth eating."

CHERRIES The Fruit That Provides

Middle and Old-age Pensions

While the Cherry does not make the instant appeal to the appetite as does the Peach, nor is it so closely tied to the imagination as the Apple, it is not likely to be overlooked as a producer of profit. There is so little expense to a Cherry Orchard after it is planted.

A Cherry tree needs only to be planted, given ordinarily decent treatment for a year or so, until it begins to bear, after which it becomes a steady, dependable producer. You can forget a Cherry tree ten months out of the year, and it will seem to get along just about as well as though continually fussed over. It endures—seems to enjoy being let alone—and produces a big crop of Cherries every vear.

## "Grown in the Cumberlands"

As with our Peaches, (Pp. 2 and 3) and our Grape Vines (Page 6), our Cherry and Plum Trees are grown in the Cumberland Mountains.

The extraordinary hardiness and vigor, and the remarkable massive fibrous root system which Cumberland-grown trees possess, makes these trees the favorite planting stock of growers the country over.

Ail our Peach, Cherry and Plum Trees, and our "Bearing Size Grape Vines" are shipped from our Nursery Packing House in Tennessee.

The purchaser, on receipt of the goods, will pay the Freight, Express or Parcel Post Charges.

We always ship by the cheapest method, except that we do not advise freight shipments to any considerable distance after

A Cherry orchard in bearing can be sodded over and pastured—and the trees will produce just as good and as profitable a crop as though cultivated.

You can plant one or a thousand Cherry trees as an investment. In a few years they begin to bear profitably. A Cherry orchard will provide a dependable annual income as long as you live.

Taking the country over, Cherry trees will yield, on the average, year-in-and-out, about \$3.00 per tree. Individual trees will run as high as \$20.00 annual crop. Cherry orchards in sod ap-

pear to average about \$4.50 per tree. But this is all practically clear money, except for cost of picking, and the rental value of the land.

A Cherry tree or a Cherry Orchard requires no cultivation or pruning, very little spraying, and will grow anywhere, north, south, east or west, where anything else worth eating will grow, except in wet soil. If you can strike standing water two feet from the surface, don't plant Cherry trees there. Anywhere else they will produce an income like a pension, every year, and with very little labor.

## Price of Early Richmond and Montmorency Cherry Trees

(Standard Planting Size 2 to 3 feet)

1 to 9 Trees 95c Each

10 to 29 Trees, 80c Each

30 or More, 75c Each

EARLY RICHMOND. Everywhere the most popular. Tree, a strong, thrifty grower, making a large symmetrical head; fruit medium size, dark red, melting, juicy, with sprightly acid flavor and especially valuable for canning. Tree an early and abundant bearer. Last of May and first of June.

MONTMORENCY. (Large Montmorency.) A fine, large light rcd cherry of the Richmond class but larger and more solid. It is a more upright grower, equally hardy and productive. Second only to Early Richmond in value, it ripens about ten days later. It is a dependable source of profit.

# Plant a Few Good PLUM Trees

The Pium is pre-eminently a garden tree, where it will produce an abundance of desirable fruit. A reasonable surplus always finds ready sale at home, right in the neighborhood, and at the local stores. As an orchard proposition the Plum does not possess the income-producing qualities of the Apple, Peach, Cherry or Grape, as a usual thing.

Four Splendid Japanese Plums

Large, nearly round; clear cherry red with thin lilac bloom. Flesh, deep yellow, rich, very sweet, and with an agreeable flavor. Vigorous and early. Last of

Red June The earliest Plum in cultivation, and usually a profitable variety in local markets. Bright red with light bloom; flesh light yellow, sweet and juicy. Of thoroughly good Red June

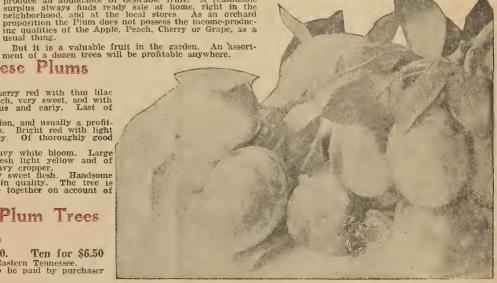
Abundance Rich cherry color with heavy white bloom. Large and showy. Small pit; flesh light yellow and of most delicious sweetness. Early and a heavy cropper.

Wickson Deep red, with yellow, sugary sweet flesh. Handsome in appearance and delicious in quality. The tree is of rapid growth, and can be planted close together on account of its upright growth.

## Standard Planting Size Plum Trees

(Three Foot Stock)

Per single tree, 90c. Four for \$3.00. Ten for \$6.50 Shipped from Nursery Packing House in Eastern Tennessee. Freight, Express or Parcel Post Charges to be paid by purchaser on receipt of trees.





#### Why YOU Should Plant "Bearing Size Grape Vines

You can realize your desire to have grapes from your own vines, a lot of them next year, and a few this year, too, by planting "Bearing Size Grape

Vines."

"Bearing Size Grape Vines" are simply selected vines that are properly cultivated, sprayed and pruned for two years. They would bear their first crop this fall if left where they are.

They are grown especially for gardeners who want vines that will bear in as short a time after planting as practical.

"Bearing Size Grape Vines" have vigorous canes three to four feet in length, and a heavy mass of roots to correspond. They are dug, handled and

packed with extreme care, so as to save all the roots, preserve the canes without injury, and get the vines into your hands in perfect condition to

the vines into your hands in perfect condition to plant.

If carefully planted, spreading the roots naturally in moist, rich soil, and cutting the canes back about one-half, they will bear some grapes the same season planted, and produce nearly a full crop the next.

"Bearing Size Grapc Vines" save you two years' time, two years' work, and eost but little, if any, more than you ordinarily pay for common grape vines. For the home garden they are the practical vines to plant.

## —and They Are Grape Vines of Superior Quality

#### CONCORD

The leading purple grape and the favorite everywhere and for every purpose. More Concords are raised and sold every year than any other three varieties, solely on account of the solid worth of the Concord. The clusters are large, solid, compact and well shouldered. The Concord can be depended upon to yield a bushel of choice table grapes every year. With a little simple winter covering it can be grown successfully in very cold locations,

#### MOORE'S EARLY

Larger and darker in color than the Concord, and possibly a little sweeter. Rather large, loose clusters; a week to ten days earlier than Concord it often brings higher prices. Not as good a cropper. It is a very valuable early grape, and always brings a good price, It is not a particularly good shipper unless carefully handled.

#### WORDEN

A seedling of the Concord, from which it inherits many good qualities. It is larger, yields almost as heavily, ripens a week earlier, and is of really better quality. Not as hardy as the Concord, nor a good shipper. But for a not too distant market the Worden will often prove the more profitable of the two, on account of its earliness and exquisite flavor.

#### DELAWARE

A medium size red grape, shading to golden yellow, and covered with a fine white bloom. The bunches are of nedium size, very compact, and are borne in great profusion. It is the favorite red grape, having a delicious, splicy flavor. It makes grape juice and jelly of clear red color, and contains a high percent of sugar. It is a desirable variety in every way. Is early, hardy, and an abundant eropper.

#### NIAGARA

A greenish-white grape with a white bloom. Is very similar to the Concord in size, quality and flavor, and has often been called the 'white Concord.' It is a tremendous cropper, is 'pour, ripens with the Concord, and yeld's a very satisfactory pro it where white grapes are in demand Is quality entitles it to a place in every garden.

These "Bearing Size Vines" are produced by planting cuttings taken from vineyards that are famed for their production of quality grapes. The cuttings are sent down to our planting grounds in the Cumberland Mountains. In that fertile soil, with its bracing atmosphere and long growing season, and with the best of care and cultivation, these vines develop into extremely hardy, vigorous stock that makes rapid growth and produces wonderful crops of grapes, wherever planted. planted.

## PICK GRAPES NEXT

Order at least a few vines of each variety described in the column to the left. This will give you an assortment of five choice sorts—red, white, blue and black, as well as early, midseason and late. A vineyard that will prove a source of pride, pleasure and profit to you as long as you live.

## "Bearing Size Grape Vines" Are Not Expensive

As they are shipped direct to you from the packing house at the Nursery where they are grown, the cost of Bearing Size Vines is not high. At these prices we pack and ship to you, charges collect.

## Price of "Bearing Size Grape Vines," Shipped Charges Collect

1 to 9 Vines 10 to 29 Vines 30 Vines or More Variety 40c Each Concords 35c Each 25c Each

Moores Early, Niagara Delaware and Worden..... 50c Each 45e Each

#### PLANT ONE OF THESE ASSORTMENTS

No. 1. "RED, WHITE & BLUE" Varieties, ONE EACH of Concord, Delaware and Niagara. No. 2. "RED, WHITE & BLUE" Varieties, FOUR EACH of Concord, Dela-3 Vines for \$1.25 ware and Niagara. 12 Vines for .....

No. 3. One Each of All Five Varieties, Concord, Delaware, Moores \$2.00 Early, Niagara, Worden.

No. 4. Two Each of All Five Varieties, Concord, Niagara, Delaware, Moores Early, and Worden.
Ten Splendid Bearing Size Vines, All For.......\$3.75

#### THERE ARE NO CHARGES FOR PACKING

At the prices quoted above the Bearing Size Grape

Vines are carefully dug, packed, wrapped and de-livered to Freight or Express office.

"Bearing Size Grape Vines" are too large to send by Parcel Post, on account of the length of the package required.

If You "Bearing Size"

GRAPE BUTTER

GRADE

ONSERVE



The long, slender branches are bent to the ground with their loads and wreaths of rosywhite, tassel-shaped flowers, through early summer. Grows 4 to 6 fct.

TRUMPET VINE

A rapid climber that will grow to your roof if you let it. Large clusters of orange-red, trumpet-shaped flowers are borne in heavy profusion throughout the summer. The foliage is equally attractive.

A dozen or so of these beautiful Shrubs and Climbers will make a wonderful improvement in the appearance of any home. They grow rapidly, ever increasing in size and beauty and bearing thousands of flowers. You can make your home grounds a bower of beautiful flowers from spring to fall. The slight expense is the best investment you can make. We GUARANTEE these Shrubs, etc., to reach you in the best of condition, and to make good growth, otherwise they will be replaced free of charge.

#### SNOWBALL HYDRANGEA

This beautiful and stately shrub is a mass of snowy-white flowers that almost conceal the foliage throughout the summer, Grows 3 to 4 feet. (On account of the scarcity of this Item, we can not accept orders for Snowball Hydrangeas in excess of one-third of the entire number of shrubs ordered.)

#### HALL'S JAPAN HONEYSUCKLE

Fragrant white and creamy yellow flowers bloom the season through, followed by bril-llant scarlet "fruits" that are equally beauti-ful. It is almost an evergreen, and is with-out a peer for beauty and fragrance.

#### FLOWERING CATALPA

A tree-form ornamental of rapid growth and marvelous beauty. Large heart-shaped leaves measure six inches across. About the tbird year It begins to bear immense, pyramidal clusters of marvelously fragrant, waxy, white flowers, streaked and dotted with red, purple and yellow Grows to a helght of 20 feet.

#### HYPERICUM

Bright golden flowers 2 inches across are borne through summer and fall. 2 ft.

#### ROSE OF SHARON

A very hardy shrub of rapid growth, covered through late fall with strikingly beautiful double flowers, in a gorgeous variety of shades and colors. A riot of color after other flowers have all gone. Not affected by insects. Grows 12 feet high.

#### POSTPAID PRICES ON FLOWERING SHRUBS AND CLIMBERS

15 cents each 2 for 25c

Snowball \*
Hydrangea

Ten for \$1.00 \$7.50 per 100

BY MAIL OR EXPRESS

ALL CHARGES PREPAID

These beautiful summer-flowering bulbs are doubly valuable for the brave field show of bloom, and for their generous supply of cut-flowers. Gladiolus flowers last longer when cut than most any other flowers, and develop in water to a greater perfection than if left on the plant. Any rich, light garden soil will grow Gladioli if properly worked in preparation and exposed to the benefit of full sunlight. Bulbs should be planted from the middle of April on into May throughout the Northern States, a second planting after two or three weeks ensuring a more even succession of bloom.

It would be difficult to improve upon the assortment of beautiful varieties we have selected for this mixture. A tasteful selection of standard varieties, uniform in appearance, and of harmonious coloring, this "Bedding Mixture" will supply a nice variety of cut flowers and multiply every season. The varieties chosen are standards, with a few novelties of proven merit and beauty.

Our leaflet on Gladiola Culture is sent with each collection.

## Our "Model Gladiolus Mixture" contains these Sterling Varieties

America. Beautiful soft flesh pink, faintly tinged with lavender.

Francis King. A strong growing variety with large spikes of showy scarlet flowers. Swabin, Beautiful deep yellow. Its pure gold flowers a delight to beheld.

gold flowers a delight to beheld.

Peace. A robust grower, its spikes reach- aflame with brightest red.

Price of Gladiolus Bulbs (Mixture) POSTPAID

Ten for 25 cents

25 for 50 cents

100 for \$1.50



# ry These Three Hardy Chinese

Faint lavender streaks in lower petals.

These are three hardy, vigorous fruit trees, that can easily be grown from seed. Natives of Northern China, they are inured to cold weather, and can be grown and

fruited anywhere in the United States. The fruits are good, and have been in common use in North China for generations. Grow a few in your garden.

## Manchu "Cherry-Plum"

rapid growth, which comes true to from seed planted in the open ground. The leaves are smooth, shiny, long pointed. The tree blossoms early in the spring, sending out masses of golden yellow fragrant flowers

The fruit is about an inch in length, of the true date shape, about half the size of the date of the tropics. Dark red in color, it turns almost black, when fully ripe. The "dates," while sweet, when fully ripe have a full flavor, preferred by many to the insipid sweetness of the tropical or true date.

The Chinese Date is becoming a favorite in this country, wherever it has been planted. The fruit makes a welcome addition to our

standard fruits, and is being more generally planted every season. A packet contains

seed sufficient to produce from six to ten trees. The seed may be planted in a row in the garden, with some vegetable seed in the same row to mark it, times takes a month as the Date seed someor more to germinate.

In addition to the valuable fruit, the Chinese Date is without a peer as an Ornamental. Its beautiful clusters of golden yel-low flowers vie with most of the Ornamen-tal shrubs in loveliness. Be sure to include The Chinese Date in your order.

The Chinese Date is a hardy fruit tree of Grows to a dwarf, bush-like tree that fruits apid growth, which comes true to variety the second year and each year after, bearing a small, deliciously flavored plum about the size of a cherry.

It succeeds in all parts of the United States, and is especially valuable for planting in the Dakotas, wheer it withstands the very severest winters.

Seed planted in the spring germinates in three to five weeks, after which the growth of the tree is rapid. The first blossoms appear the second year, and some fruit usu-



The "MANCHU" Cherry-Plum

ally sets. After the second year the tree is literally covered with dark red "cherry-plums," very similar to the Damson in flavor, though perfectly round in shape.

The fruit is equally valuable for eating

from the hand, and for cooking, for pre-serves, pies, etc. Prof. L. H. Bailey says of this fruit: "It is hardy even in the Dakotas,

and improved fruit-bearing trees of impor-tance are likely to arise."

Plant a row of these hardy Chinese "Man-chu" Cherry-Plums in your garden, and be the first in your locality to have this delicious fruit from your own trees,

PACKET 20 CENTS POSTPAID 7 for \$1.00 3 for 50 cents

#### "YOGI" Persimmon

One of the most valuable of the oriental trees, both as a source of a rare variety of delicious and wholesome food, but the tree itself, which rapidly grows to an immense height, is one of the most valuable woods for the manufacture of fancy articles and high grade furniture.

The tree is costir

high grade furniture.

The tree is easily grown from seed, planted in the spring.
The tree fruits after the second year, being literally covered with shiny black fruits. The flavor of the Yogi Persimmon is unsurpassed. It is valuable for canning, and makes the finest kind of preserves and jam.

In China and Ja-

In China and Japan the juice is extracted and made into a beverage that is very popular. In fruits may also be used for sweet pickles.

A few of these trees will supply you with a large crop of choice fruit every year. The Fruit finds ready sale everywhere, as a well-defined, active demand exists for Persimmons, and the "Yogi" is well up in the front rank in point of quality.

PACKET 20 CENTS POSTPAID 3 for 50 cents

# HINESE

One Packet Each of Manchu "Cherry-Plum" Chinese Date "Yogi" Persimmon

7 for \$1.00 All for only 50c, Postpaid

PACKET 20 CENTS POSTPAID 3 for 50 cents

Chinese Date

Beat The "Nursery Trust," Read Offer on Page 9

With two-year-old apple trees up to ten times their worth, many thoughtful planters are winning out against the nursery "trust" by planting "Baby Apple Trees," and with the best of results. The country needs more apple trees. There has been a decrease of over eight million apple trees in the past ten years, caused by the unchecked ravages of diseases and insects. At the same time the price of two-year-old apple trees has advanced, with little excuse, until the

general public hesitates to plant this high priced stock. There is a national association of several hundred nursery concerns that is doing everything possible to advance the price of nursery stock to the growers. A former president of this Association even went so far as to publicly threaten a national farm paper with financial loss if the editor of that paper did not immediately stop printing articles telling the farmers how to grow their own apple trees.



Yellow Transparent

# You can Help Beat the Nursery Trust!

Each scion is carefully grafted to a one-

year-old apple tree root, and the union se-curely wrapped with waxed 'grafting twine,''
Nature quickly unites the "scion" and the root, and the "Baby Apple Tree,' thus com-plete, is ready to plant, and make rapld growth in your garden. The picture to the right shows what these "Baby Apple Trees" look like

A block of one hundred thousand of these "Baby Apple Trees," which we planted in good soil, and gave ordinary field cultivation, made an average growth of five feet in height, between April, when they were planted, and November, when they were dug, and over ninety-five per cent of them grew!

You can grow your own Apple Trees and save many dollars. Big, vigorous, healthy trees are easily and quickly grown from our "Baby Apple Trees," that cost only a few cents apiece, delivered to your door!

These "Baby Apple Trees' are produced by a method that insures every good quality if given the care they deserve.

From selected apple trees of known varieties, the bright, healthy branches are cut into lengths about nine inches long, which are known as "sclons."

Each sclon is cerefully grafted to a oneas your other garden crops.

The first year in the life of the Apple Tree is the most Important. Trees that are stunted the first year never become really profitable trees. They seldom recover. You can plant a row of "Baby Apple Trees" in your garden. Plant them a foot apart. Then, a few minutes' time with the hoe, in the evenings during the growing season, will result in bigger, better trees in the fall than you would be likely to be able to buy at any price.

We recommend that the "Baby Apple Trees" be planted in a row by themselves for the first year, so you can help nature make a rapid, vigorous growth. Experience shows that an Apple Tree that makes rapid growth the first year is very apt to continue that excellent habit when set out in the orchard.

Many experienced growers plant from three to five times the number of "Baby Apple Trees" that they will require for their own planting. Then, in the fall or the following spring they select the best of the trees for their own orchard, and sell the rest at reasonable prices to their neighbors.

The height, between April, when they were dug, and November, when they were dug, and over ninety-five per cent of them grew!

You can do as well or even better right on the trees you sel will more than pay for in your own garden, by glving these "Baby apple Trees" and cultivation time you expend the first year.



A Fruit Tree Graft Actually a small fruit tree, as it has both a trunk and a root system, and can be planted and cared for in the same manner as larger trees. These fruit tree grafts are of superior quality.



Wealthy

Genuine Delicious

## The Most Popular and Profitable Varieties

NOTE: Varieties preceded by an asterisk (\*) are Siberian or Russian varieties, and can be grown in very cold locations on account of their extreme hardiness.

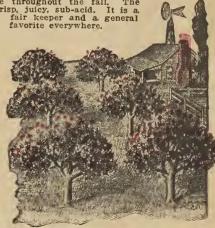
\*Fameuse (Snow). The most desirable of the fall

locations on account of their extreme hardiness.

\*Yellow Transparent. The very earliest apple to bear and the earliest to reach maturity. It frequently sets blossoms the first year, in the nursery row. The skin is a pale yellow. The flesh white, crisp, juicy, mildly subacid. Bears profusely late June to August.

\*Red Astrachan. Another hardy Russian variety. Yellow, overcast and streaked with red. Flesh sweet, juicy and of remarkably attractive flavor. Begins to bear when the tree is very small. A dependable crop of really choice summer eating apples every year in July to early September.

Early Harvest. Pale yellow skin. A larger apple than Yellow Transparent, and of better quality. Flesh is sweet and juicy. Makes a favorite cooking variety if flesh is crisp, juicy, sub-acid. It is a fair keeper and a general favorite everywhere.



#### WINTER APPLES

Genuine Delicious. The handsomest apple grown. Inverted pear-shape. Deep red, shading to golden yellow. The flesh is fine grained, melting, and of wonderful flavor and aroma. The tree matures early and yields a fair crop of the very finest apples. How to Grow APPLE TREES

Jonathan. A medium size, bright red apple that succeeds and is a favorite wherever apples can be grown. Flesh is firm, tender, juicy, and of delightful flavor. A standard winter apple.

Baldwin. Large, bright red, with crisp, juicy flesh, this grand old variety is one of the most dependable varieties that can be grown.

\*Wolf River. Very large, handsome yellow skin, shaded and striped with red, the flesh is of superior quality.

# With each shipment of

"Baby Apple Trees" we include our Illustrated Leaflet: "Growing Apple Trees." By following the simple, easily workable instructions on this Leaflet, you will have the best of success in growing Apple Trees.

> POSTPAID PRICES on "BABY TREES" APPLE

Three for 25 cents \$5.00 per Hundred

Fifteen for \$1.00 \$40.00 per Thousand

By Mail or Express

All Charges Prepaid

<u></u>

Fresh Seed from This Season's Crop, Grown for us Under Contract and Rigidly Inspected for Purity and Tested to Assure High Germination

Pkt. O:

.05 .1

.05 .1 0.5

.10

.05 .12

.10 .15 .05 .10

.05 .10

.05 .15

CHICORY CHIVES Schnittlauch. Salad flavor...... .10 COLLARDS CRESS

CUCUMBERS

EGG PLANT Black Beauty. Best variety....
ENDIVE

KALE Dwarf Scotch. For winter and spring greens

KOHL-RABI LEEK

MUSKMELON

MUSKMELON
Banana. See page
Emerald Gem. Salmon flesh.
A home garden favorite.....
Fordhook Selmon. Delicious
and a prime shipper.....
Jenny Lind. Extra early favorite sweet green fleshed.....
Osage. Millers Cream. Large
late salmon flesh......
Rocky Ford. Famous green...
Rocky Ford. Famous green.
Honey Dew. Light green,
productive, finest quality.....

Broad American Flag. Mild and sweet. The favorite ...... .05 .18 LETTUCE

and up Per

MODEL Garden and Flower seeds are packed in tough manila en-
velopes, upon which is plainly printed the simple instructions for planting
the seed contained in each Packet.

ALL THE SEEDS LISTED ON THESE PAGES ARE SEN POSTPAID.

All our seeds are from the last harvest. They are FRESH.

All seeds are rigidly tested, and none but those of the highest ge mination test are allowed to go out.

You can plant your "Model Vegetable Garden" and a "Model Flow Garden" with these seeds, knowing you are planting the Best, Pures an produce or money can buy.

Garden with these see			
and Highest Test Seeds	s tn	at s	KIII C
	Pk	t. Oz.	4 oz.
ASPARAGUS			
Columbia Mammoth White	.05	.10	.25
Palmetto Asparagus Plants-	.00	.10	.20
Columbia Mammoth White			
Plants, 1c each additional,			
T Openates			
BEANS			
"Chestnut Bean." See p Yard-Long. See p	.10		
To Tarrica d			
Crosby's Egyptian. Ext. Ey	.05	.10	.25
Detroit Dark Red. Main Crop	.05	.10	.25 .20
Long Dark Blood. The very			
best winter variety	.04	.08	$.20 \\ .20$
Giant Half Sugar. Favorite			
for stock feeding	.04	.08	.20
Yellow stock beet	.04	.08	.20
Red stock beet	.04	.08	.18
Crosby's Egyptian. Ext. Ey Detroit Dark Red. Main Crop Early Blood Turnip Long Dark Blood. The very best winter variety. Spinach Beet (Swiss Chard) Giant Half Sugar. Favorite for stock feeding Golden Tankard. Immense Yellow stock beet Mammoth Long Red. Largest Red stock beet. Klein Wanzleben. Very best Sugar Beet			
Sugar Beet	.04	.08	.20
BRUSSELS SPROUTS Improved Half Dwarf		4.0	
CABBAGE—Early	.05	.18	.50
Early Spring. Earliest flat-			
	.05	.20	.55
Early Jersey Wakefield	.05	.15	.45
headed variety. Early Jersey Wakefield	.05	.18	.50
Copenhagen Market. As early	.10	.25	.75
All-Head Early. The best flat-			
head early variety	.05	.15	.45
An excellent keeper	.05	.18	50
CABBAGE—Late			
Danish Ball Head. Hard solid	.05	.20	.60
Danish Ball Head. Hard solid heads. Best keeper		.20	
most popular late cabbage Surehead. Always certain to	.05	.18	.50
form a head	.05	.20	.55
Jumbo. Largest cabbage, 20	.10	25	.75
Mammoth Red Rock. The			
best red varlety	.05	.18	.50
most popular late cabbage  Surehead, Always certain to form a head			
all kinds of soils	.05	.10	.25
Danvers Half Long. Good for all kinds of soils.  Improved Long Orange. Grows on thin soil. Good keeper Oxheart. Requires heavy soil White Belgian. (Imp. Mam- moth). Superior for stock	.04	.08	
Oxheart. Requires heavy soil	.04	.08	.20
White Belgian. (Imp. Mam-	.04	.08	.18
	.04	,00	.10
(% and % oz. at ounce prices)			
CAULITION EX (¼ and ½ oz. at ounce prices) Early Snowball. The earliest Extra Early Dwarf Erfurt. Later but much larger Dry Weather. Ideal for arid and semi-arid districts Autumn Giant. Largest late	.10	1.75	6.00
Later but much larger.	.10	1.50	5.00
Dry Weather. Ideal for arid			
Autumn Giant. Largest late.	.15	2.25	7.50 1.75
CELERY		11.	
Dwarf Colden Weart Post for			
Golden Self Blanching Fav-	.05	.15	.45
orite early variety	.05	.30	.90
White Plume. Very earliest	.05	.20	.60
Main crop. Late			
For salads and flavoring	.05	.20	.60

ľ	\$ . \$ . \$ . \$.	** * * * * * * * * * * * * * * * * * *	XHXHXH	XHXH	*+*+*+
n	_		Pkt.	Oz.	4 oz.
18		WATERMELON			,
•		Alabama. Popular in the south Cole's Early. Early, prollfic Fordhook. Earliest sweetest	.05	.10	.25
7	3	Fordhook. Earliest sweetest	.05	.10	.25
*	•	Call and the mental men	.05	.10	.25
		melting quality	0.8	15	.45
		Halbert Honey. Delicious	.05	.10	.25
T	-	Christo Sweet or Monte	0.5	10	0.5
		Mammoth Prize. Largest melon	.05	.10	.25
e	r	grown, 100 to 150 lbs. each	.10	.20	.50
st		Tom Watson, Average 30 lbs.	.05	.10	.25
	,	Good quality, good shipper	.05	.10	.25
		Citron. For preserves			.25
z.	4 oz.	MIISTARD	.00	.10	.20
		Southern Giant Curled, Ready			
5	.75	6 weeks after sowing	inter. See page 15 50  MUSTARD  uthern Giant Curled. Ready 6 weeks after sowing 04 08 04 08 06 06 07 07 07 07 07 07 07 07 07 07 07 07 07		.20
5	.75	White London. White seeds,	0.4	0.0	10
			.0.2	.00	.18
		be grown in the north	.04	.08	.20
0	.25	ONION			
v	.20	Australian Brown. Very early.			
		Mild flavor, good keeper	.05	.18	.50
0	.25	Ex. Ey. Barletta for pickling	.10	.40	1.00
0	1.25	Large Red Wethersfield	.05	.15	.40
v	1.29	white, mild and tender	.05	. 25	.75
		Prizetaker. Largest yellow			
5	.45	Southport Red Globs		.20	.60
		Southport White Globe	.05		75
5 0	.45 $.30$	White Portugal or Silverskin	.05	.15	.40
2	.35	Standard white variety	.05	.20	.60
0	.30	White Welsh for green onions		.30	.90
ŏ	.60	DADST EV	.05	.19	.40
2	.35		٥٣	10	0.5
۵	.00	Turnip Rooted. Excellent for		.10	.25
0	.30		.05	.12	.35
_		PARSNIP			
5	1.50	best Variety everywhere	0.5	10	20
			.00	.10	.30
0	.25		10		0.0
0		Lima. See page	.10		.20
U	.60	PEPPER			
		Chinese Giant. Largest pep-			
0	.30	Golden Queen. Large, vellow	.10	.50	1.50
		very mild and sweet.	.10	.50	1.50
_		Pimento, Small, sweet, early		.30	.90
5	.45	Halbert Honey. Delicious			
		Sweet pepper	.05	.30	.90
8	.50				
		Field. Best for cornfield.	.05	.10	.25
		Jumbo. Good quality, fine			
2	.35	Kentucky Field or Sweet	.10	.18	.50
2	.35	cheese. Sweet, excellent	.05		.25
			.05	.10	.30
2	.35 .45				
2	.35	low center, good quality	.05	.10	.30
2	.35	Early Bird or Non Plus Ultra.			
		Early Long Scarlet Short Ton	.05	.10	.30
5	.40	Best long radish	.05	.10	.25
)	.30		.05	10	.25
		Early White Turnip. Earliest			.20
)	.30	French Breakfact Dod white	.05	.10	.25
)	.30	tipped, olive shaped	.05	.10	.25
2	.35	Icicle. Mild and sweet, the			
)	.35 .35	Long White Strassburg. Best		.10	.25
	.35	Summer radish	.05	.10	.25
5	.40	long; crisp and brittle	.10	.35	1.10
	737	ABITE ON SOM			

USE THE ORDER BLANK ON PAGE 18 FOR

) Pkt. Oz.	4 oz.		
RADISH (Continued) Sakurajima. 5 to 10 lbs. See		c FLOWER	S CEEDS 30
page	1.10	LLOWEL	1 DELLUS S
white Tipped Scarlet Turnip.	and up	HIGHEST QUALITY	BEST VARIETIES and up per PACKET
Early and very popular05 .10 Prize Mixture. All the early	1		PACKET
varieties		Per Pkt. im. Mixed colors, Annual bedding 3c	Hollyhock, Prize Double. Largest mixed 5c
Early Glant. Large stalks, best and earliest variety10 .25	.75 Alyssur	mma. Rose red, for borders 4c —Little Gem. Borders, edgings 4c	Ice Plant. Trailing plant for baskets 5c Iris, Kaempferi (Japanese Iris). Flowers
Early Giant Plants. 20c each, 3 for 50c, 15 for \$1.50.	Lilac	Queen. Lilac colored	10 to 12 in. in diameter. Mixed10e Job's Tears. Seeds used for beads, very
SALSIFY	Amarai	Dust. Deep, pure yellow 5c athus. Brilliant leaves and flowers 4c	ornamental, (Oz. 15c)
Mammoth Sandwich Island. The standard variety	.75 hardy	per (Windflower). A beautiful perennial. Mixed colors	Lantana, Choicest varieties mixed 5c Larkspur—Couble Giant Hyacinth, Flow-
) SPINACH Improved Victoria. Best va-	leave	Grandis. Silvery flowers and S. Bush 2 ft: across	ered. Grows 3 ft. high, mixed
riety, late going to seed04 .08 New Zealand. A hot weather	.20 Aster-	Queen of the Market. Large double 5c Chrysanthemum Flowered Comet10c	Lobelia. Delicate little blue and white flowers. Choice mixed
variety for arid reglons05 .10 Prickly Seeded. Plant in the	.30 Semp	le's Branching. The popular big	Lupinus, Annual. Long spikes 4c Perennial, 3 ft. high, extra fine 5c
autumn for early spring04 .07	Giant	Large Double. Mixed colors 8c Ostrich Feather. Mixed colors10c	Mallow Marvels. Showy flowers June till fall. White, pink, red, mixed10c
Delicious. The sweetest squash grown; fine keeper	Mixtu	y Flowered Perfection. All colors. 8c are of Double Varieties	Marigold, Giant African Double, Mixed 4c Double Dwarf French
Fordhook. Small, delicious, for summer or winter	loon-	Vine. Climbs 6 feet high, bal- like flowers, very pretty	Superb Mixed. Many shades, very choice &c
Genuine Hubbard. The most popular winter variety	Bartoni	a Aurea. Showy yellow blossoms. 5c a Vernon. Orange red. Red leaves. 10c	Moonflower, Sweet Scented Gt Flowering 5c Morning Glory—Superb Mixed (Oz. 15c) 4c New Double, Magnificent carnation-
Golden Hubbard or Red Hub- bard. A week earlier	Bellis.	Double Dalsy, Perrennial. Mixed10c come. Swan River Dalsy. Mixed 5c	New Double, Magnificent carnation- like flowers. Mixture of colors
Giant Summer Crookneck. The best summer squash	Calenda Calla	lla. Pot Marigold, Double mixed. 4c	Japanese Giants. Gorgeous (Oz. 25c) 5c Japanese Fancy Fringed (Oz. 50c)10c Dwarf. Winter, house blooming, Mixed 5c
Mam. White Bush Scallop. The best summer shlpper05 .12	Calliop	sis. Finest mixture, all colors 4c	Nasturtium—Dwarf. Giant flowered, fine mixture of prettiest shades (Oz. 20c) 40 Dwarf Variegated, leaved (Oz. 35c) 5c
TOBACCO Conn. Seed Leaf. For middle	Candyt	Bird Vine. Yellow flowered clmbr. 5c aft. Giant Hyacinth Flowered. Wht. 5c son. Fine, rich, showy 5c	Dwarf Ivy-Leaved. Blossom in greater profusion than any other. (Oz. 35c) 5c
and far northern States	1.25 Pink.	Fine for edging 10c e. Best for borders 4c	Tall or Climbing. Giant Flowering. A special mixture, all colors (Oz. 15c) 4c
extra select strain	1.25 Canna,	Giant Flowered Mixed 5c	Tall Variegated-Leaved Mixed (Oz. 35c) 5c Tall Ivy-Leaved Mixed (Oz. 35c)
ect strain for chewing	1.75 seaso	al Climber. Grows 25 ft. in one n, flowers June to frost	sweet scented flowers, all colors
TOMATO Bonny Best. Scarlet, early,	Centau Impe	rea—Cyanns. Batchelor's Buttons. 4c ridis. Sweet Sultan Mixed 4c	Ornamental Grasses, Fine mixture 5c Oxalis, Tropaeloides, Yellow flowers 5c
vigorous and productive05 .30  Earliest and Best. Earliest	Chinese fruit	fine for winter decoration10c	Pansy—Choice Mixed
good red tomato	1.50 Chinese	Wool Flower. Grows 2 to 3 ft. diffeent scarlet "wool" flowers10c	and curled petals, lovely tints
Dwarf Stone. Vigorous, upright, prollife, smooth		nthemum. Annual Double White10c al Double Yellow5c al Double Mixed5c	Petunia—Single, Good mixed
Favorite. A very popular and	Japa	Pungens. Giant Spider Plant 5c Scandens. Handsome climber, lilac	Triumph of the Giants. Flowers often measure 7 in. across. All colors
Golden Queen. A large, good,	color	ed flowers all the season	Flatycondon, Hard, perennial, blooms first year. Blue and white flowers10c
	1.25 Columb	oine (Aquilegia) Prize Mixture 4c —Glant Flowering. All Colors 5c	Poppy—Shirley. Finest single poppy, mxt. 5c Double Carnation-Flowered. Mixed 4c
	1.10 sea	t Summer. Large, early, flowers all son. All colors mixed 10c	Double Feather Ball
Paragon. Bright red, solid main crop, favorite	.40 flower	sis, Grandiflora. Golden yellowers all summer. Perennial	Double, Many sorts and colors mixed 4c Single, Many sorts and colors mixed 3c Double and Single Mixed 4c Oriental Hybrids, Flowers measure 6
red, always satisfactory05 .15  Ponderosa. The largest to-	.40 Dahlia Cact	-Choice Double. All colors mixed10c us. Mixture of the finest sorts15c	in. across, dazzling colors, mixed10c
mato grown. Red	Dianth	nium (Pern'l Larkspur) Mixed 5c us—Double Chinese Pinks, Mixed 5c	Portulaca—Giant Flowered, Mixed
Red Rock. A splendid canner.	Digital	arius. Old favorite Garden Pink 8c is. Foxglove. All colors mixed 5c ohotheca. African Daisy, New Au-	12 ft. high, leaves 2 to 4 ft. across 4c Salpiglossis. Many colors mixed 5c
Spark's Earliana, Standard	ranti 1,00 Doliche	ca Hybrids, all colors mixed	Salvia Splendens. Scarlet Sage
Stone. Standard main crop red tomato. Always good05 .15	Purp New	le Soudan. Purple flowers	Schizanthus, Butterfly flower, mixed
Yellow Pear. For preserves05 .30	1.00 Dracoc	ephalum. Long spikes of light flowers	Smilax. Most graceful window vine 5c Snapdragon (Antirrhinum), Fancy mixed 5c
Amber Globe. Best large yel- low sort	25 Rose	nk's Crimson. Very handsome10c Cardinal10c	Snow-on-the-Mountain. One of the finest foliage plants for out-doors
Early Purple Top Strap Leaf. The standard carly varlety05 .10 Ex. Ey. Purple Top Milan.	.25 Larg	e Yellow 5c ce Mixed. All colors 5c	Stocks, Large-Flowering Dble, Dwarf Ten Weeks, all colors mixed
The earliest turning grown	color	stings (Straw Flowers). Hold their s when dried. All kinds mixed 5c ew. Extra select 5c	ered. Very large, dbl. (Oz. 25c) 5c Red. Very showy and attractive10c
Purple Top White Globe. One	Forget	Me-Not (Myosotis). Choice 5c Clock (Marvel of Peru). Mixed 4c	Sweet Peas—Best standard varietles mxd. All colors. (Oz. 10c, 4 oz. 30c) 4c
of the most popular	, .25 Gaillar Pere	dia—Annual. Dbl. and Single, Mxd 5c mial. Fine for cut flowers	Spencer. Giant ruffled. (3 pkts, 25c)10c Cupid, or Dwarf. Best colors mixed 8c Perennial. Mixed 5c
Japanese variety, 10 to 15 lbs	Gillia.	Mixed. Fine for beds, lawns 4c	Sweet William. Choice Mixed
tory variety	.25 Gladiol Gloxini Godetia	us. All colors mixed	finest Cannas. Blooms Aug. to Nov10c Verbena—Giant Mixed. The very best10c
Improved Purple Top Yellow.  Best yellow variety	catio	ns. Many sorts mixed	Good Mixed 5c Vinca, Free flowering, Will bloom in the
Monarch or Elephant. Large size, enormous crops	Eleg	ans Rosea. Beautiful soft pink 4c ope. For bedding or winter house ts. Fragrant vareities mixed10c	house all winter. Mixed
Sweet Russia. White, firm, / sweet, excellent keeper05 .10	) .35 Hibisc	is, Africanus. Spring to October 5c	Wild Cucumber. (Ounce 20c) 4c Zinnia—Giant Dahlia-Flowered. Finest
ORDERING GARDEI	VAND	FLOWER SEEDS	of all, choice assortment of colors25c Curled and Crested
OKDEKING GARDES	4 2 2 1 1 1 2		Dwarf. Fine for borders, all colors 5c

#### TRY THESE NOVELTIES

#### Vine Peach Ripe Fruit in 80 Days After Seed is Planted



This wonderful Vegetable Peach is the most heautiful of all vegetables. They rescand or oranges in color, shape and size, and grow on vines like melors. They present a appearance when canned; make delicious preserves and sweet pickles; and are fine for pies. There is nothing like them. Extremely early, of the easiest culture and very prolific, covering the ground with golden fruit. They grow from the seed in 80 days. A package of the seed will be sent postpaid for 10c; 3 packages for 25c.



The New Garden Huckleberry
The New Garden Huckleberry grows from seed the first year. A new fruit that cannot be excelled for Pies and Preserves. It is very year. A new fruit that cannot be excelled for Pies and Preserves. It is very year. A new fruit that cannot be excelled for Pies and Preserves. It is very year. A new fruit that cannot be excelled for Pies and Preserves. It is very year. A new fruit that cannot be excelled for Pies and Preserves. It is very year. A new fruit that cannot be excelled for Pies and Preserves. It is very year. A new fruit that cannot be excelled for Pies and Preserves. It is very year. A new fruit that cannot be excelled for Pies and Preserves. It is very year. A new fruit that cannot be excelled for Pies and Preserves. It is very year. A new fruit that cannot be excelled for Pies and Preserves. It is very year. A new fruit that cannot have the first that cannot only be read to the spring and third that the same of the preserves and third that the same of the preserves and third that the same of the preserves and the preserves and the preserves and the preserves and third that the preserves and th



seed to offer this season, so are selling same in packets only. Packet. packets only. Packet, 10e; 3 pkts., 25e; 7 pkts. 15 pkts., \$1.00;

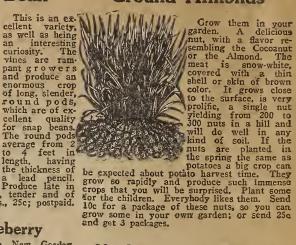
## Yard Long Bean



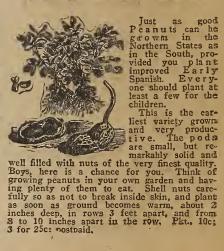




## Ground Almonds



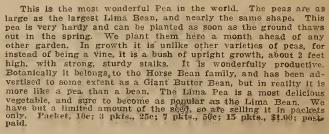
#### Northern Grown Peanuts



## Banana Muskmelon



This melon surpasses all others in its delicious fragrance. The flesh (the melon being nearly solid) is of a rich salmon. The quality is excellent when the melon is thoroughly ripe. It grows from 18 to 36 inches in length and from 2 to 4 inches thick, and is very prolific. It looks almost like an overgrown banana and smells like one. Has a flavor all its own. Don't fail to try it. Packet, 10c; 3 pkts., 25c; postpaid.





# The Famous New Winter Watermelon



The fine keeping quality of this variety, apart from its palatable edibleness makes it a favorite, and gives it a special place. In a cool place it keeps long into the winter and retains its delicious sweetness and flavor. It is early (ripens about the same time as "Sweetheart," if planted the same time), so should not be planted too early if wanted for winter use. It is very prolific. The flesh is red, extremely firm, almost as hard as citron, very brittle, but deliciously sweet. Skin is very light green, almost white; its shape round. Our Winter Watermelon comes the nearest to perfection of any yet introduced, and we believe it will please you if you want a winter variety. Pkt., 15c; 2 pkts., 25c; oz., 50c; postpaid.

# The "MOJAVE" Drought-Proof Pea

This variety will do well under a wider range of weather and soil conditions than any other variety. It will grow a crop during the dryest, hottest summer months, at a time any other variety would be a failure. In the hot, dry localities of the West this variety will grow a large crop without irrigation and without a single drop of rain failing upon it from seed time to harvest. For midsummer or late summer planting this is the variety to plant. If it rains and the soil is kept moist this variety will produce as large a crop as any variety we know of; if it doesn't rain, and it gets hot and dry, you will get a crop anyway. The handsome round pods are well filled with from 7 to 10 peas in a pod; quality excellent, sweet and tender, even when the peas are large. Vines grow 2 feet high, and require no support. This is the pea that will do its best in the North, South, East or West. Don't fail to give it a trial. Pkt., 10c; ½ lb., 20c; lb., 60c; 3 lbs., \$1.50; postpaid.

# The "Frost King" Hardy Lemon

The "Frost King" Hardy Lemon, like so many others of our extremely hardy fruits, comes to us from Japan. It can be grown from seed, and will fruit the third year. In the Northern States



the tree must be given some winter protection. Or they may first be planted in pots, resetting in large tubs the second year, and taken into

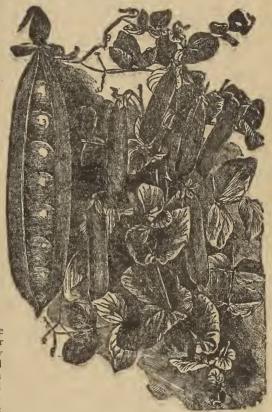
the house, where they will bear beautiful, fragrant flowers and useful fruit all winter. The fruit is juicy, sour, round in shape, and with a thin, "kid glove" skin, reddish yellow in color. They are real lemons, and have a ready sale in local markets. A packet of seed will produce from six to ten trees. Instructions for planting are included in each packet.

In the Southerns States the seed may be planted in the open ground, and the little trees set out in the garden or on the lawn in the fall. The trees are dwarf in growth, and can be set as close as six feet apart, for garden culture.

In locations where the temperature falls below zero any time, the trees, if left in the garden, should be given some straw protection. Try a packet of this useful novelty.

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Packet, 20 cents; 3 for 50 cents; 7 for \$1.00; postpaid.



Medical plants and drugs of all kinds have rapidly increased in price during the past few years. The drug trade used to depend upon "wild" 'or collected roots for the supply, but the amount of wild roots that can be collected grows every year smaller. Our woodlands have been "collected" bare of these valuable plants.

There was good money in growing medical plants, even in the old days, when the roots brought from one-fourth to one-tenth the price of today. Now, many are making fortunes from small, "back-yard" patches of the more valuable roots, such as Golden Seal and Ginseng.

You can start with a very small investment, planting either the seed or roots, which we can supply.

With the seed or roots we give you explicit instructions, based on successful experience, for growing these plants, and we also give you a list of buyers who will gladly buy your crop at the highest market prices. We explain how to plant the seed or roots, how to prepare the soil, and how to economically provide the needed shade.

Once the seed is planted, or the roots set out, you have practically nothing to do until the roots set out, you dig. Then it is like digging dollars—the value of the crop is so great. A market basket of Ginseng roots, such as you would dig from a space in your garden ten feet square, is worth over a hundred dollars. And the price is increasing.

## Make a Thousand Dollars from Your Back Yard Garden!

A dozen packets of seed will plant a hundred square feet, and give you a profitable start in a new industry that is making small growers rich.

A small garden patch, 25 by 40 feet, properly enriched and shaded, can reasonably be expected to yield a normal crop of 1600 to 2000 ounces of Ginseng roots, which at wholesale prices will bring over a thousand dollars in the

Golden Seal is not so valuable, but the roots grow so much more rapidly, and are so much larger and heavier that it rewards the grower with fabulous returns. It will yield at the rate of \$8,000 per acre, with little attention after planting.

Ginseng

Ginseng is another money maker. Read the following, which we clipped from the Los Angeles Times:

"On one acre of ground Elias Kittle succeeded in producing a crop of ginseng which he has contracted to sell for \$50,000.00. The plot of ground contains between 80,000 and 90,000 roots, which, when dry, will weigh over an ounce apiece. Kittle began on a small scale five years ago when he planted some ginseng on the plot, then he set out the plants in large quantities in the shade of a small patch of woods. He has nursed his crop and now has an acre of ginseng which he claims is "worth its weight in gold."

Also read the following news them either the set of the set o

his crop and now has an acre of ginseng which he claims is "worth its weight in gold."

Also read the following news item, clipped from a Wisconsin daily paper:

"Wausau, Wis., May 21.—(Special)—Perhaps by far the most valuable load of products of the soil that ever crossed the streets of Wausau, was seen a few days ago, drawn by one horse. The load consisted of eighteen inconspicuous barrels and no one would have surmised its value had it not been that J. H. Koehler was seen watching it with eagle eyes. Upon inquiry it was found that the barrels contained 1,343½ pounds of ginseng, which had been sold for \$8,061, and was now being started on its long journey to China. The crop was grown on one-half acre of ground near Wausau."

The average market price of dry ginseng roots is generally about \$7.00 or \$8.00 per pound, but at the time of going to press with this catalog, buyers are paying from \$10.00 to \$12.00 per pound for roots of good quality, and there seems little likelihood of any radical slump in price.

Ginseng should be planted only in the fall, but to be certain of getting the seed, you should order same as soon as possible, for we will probably have our supply all sold long before planting time. The best way is to order your other seeds; then we can be sure to supply you. With each order we will send complete cultural directions and names and addresses of buyers who will buy the roots from you. 36 packets of seed will plant on square rod. Pkt., 25c; 5 pkts., \$1.00; 12 pkts., \$2.00; 36 pkts., \$5.00; 80 pkts., \$10.00; postpaid.



Golden Seal

Ginseng

## Golden Seal

If you want to get started in the growing of medical plants, don't fail to plant some Golden Seal this year. It is easily grown, and is a sure money maker. When ready to dig, the roots should average at least once ounce each, green. This would make eighteen pounds of dry roots to each square rod. At the present price of \$3.00 a pound this would bring you \$54.00 for the square rod. At this rate an acre would be worth \$8,640.00. Besides this, enough small plants will be found to set out twice as large a patch and the fibrous roots that are left in the ground will form buds and reset the patch.

patch.
The figures we give are not overdrawn in the least. One of the leading buyers of medicinal roots say he bought a crop of cultivated Golden Seal that averaged nearly 8 ounces per root, dried. They were worth about \$1.50 each. Think of it! An acre of such Golden Seal would bring \$211 °00.00.

Any good, well drained soil is suitable for the growing of Golden Seal. Seed should be planted in the fall, but as our supply will be limited, we, in all probabilities, will be unable to supply you with seed unless you send your order at the time you order your other seeds. Order now (send cash with order) and seeds will be mailed to you at the proper time for planting. Sold in sealed packets only. With each order for seed we will send complete cultural directions and, the names and addresses of medical root buyers who will buy the roots from you. 36 packages of seed will plant one square rod. Pkt., 25c; 5 pkts., \$1.00; 12 pkts. Pkt., 25e; 5 pkts., \$1.00; 12 pkts., rod. \$2.00; 36 pkts., \$5.00; 80 pkts., \$10.00; post-

## Golden Seal and Ginseng Roots

Many of our customers wish to set out Ginseng and Golden Seal plants, and get a patch started in that way, instead of planting seed, and to such persons we can supply plants in limited quantities, Others want to know how to identify these plants when they find them growing wild. It is rather difficult for us to so describe them that one can be positive in their identity after reading the descriptions only, but we can supply any of our customers with one or more of the plants, which will be a positive guide to anyone wishing to dig wild plants.

We have but a limited number of the plants to offer, so would recommend that you place your order as early as possible. Plants will then be sent at the proper time for transplanting. Golden Seal plants can be supplied either spring or fall; Ginseng plants, fall only.

Prices of either Golden Seal or Ginseng Plants: One plant, 25c; 6 for 75c; 12 for \$1.25; 25 for \$2.00; 50 for \$3.50; 100 for \$6.00; 250 for \$13.50; 500 for \$25.00; 1,000 for \$45.00; delivered to any part of the United States, prepaid.

Favorite Fruits for Home or Market

An Acre of Fruit, properly managed, will pay for itself the first season, and yield an income of \$250.00 to \$1000.00 per year every year after. \$32.00 will start you with 500 Baby Apple trees, 500 Grape vines, 700 Dewberry plants and 200 Strawberry plants. In the fall your surplus Apple trees, easily salable at 25c to 50c each, will leave a margin over the season's expenses. The second year the Dewberries and Strawberries will produce a good income, which will heavily increase each year as the Apple of the season's expenses.

a good income, which will heavily increase each year as the Apples and Grapes come into bearing.

Read Carefully the Offers on Pages 1, 4, 9 and 20





KUDZU

The Remarkable Soil Improving FORAGE CROP

A Wonderful Perennial Legume

More Nutritious than Alfalfa

Yields Heavier than Fodder Corn

Improves the Soil More than Clover

Cures Quicker than Timothy

Permanent, but Easily Eradicated



## Grown Successfully in all Parts of the United States

Nova Scotia.

Rudzu gives promiso of being one of the leading sources of wealth to farmers and stock growers. It springs up from the roots when the first warm days come in the spring and grows vigorously until a killing freeze comes in the fall. Two cuttings can be made each year in the North and four in the South. Instances are known where four cuttings of hay averaging 2½ tons per cutting and making a total yield of ten tons per acre in a single season, have been made.

Kudzu contains more protein than wheat bran; as high as 19.82 per cent, and averaging 17.43 per cent. A remarkable feature is that although the hay is richer than alfalfa, yet it is entirely free from the tendency to cause loose bowels, kidney disorders and bloat in horses and other live stock, that interferes so seriously with the use of alfalfa. It is well adapted for use in making mixed feed stuffs and for all other purposes that alfalfa can be used. Kudzu cures the quickest of any known hay, retaining its leaves and bright green color.

Kudzu will thrive on any soil, provided the land is well drained. Like any other crop, it will make a stronger growth on rich land, but it does well on land that is too poor for any other hay crop and rapidly improves the soil by drawing in nitrogen from the air. Poor, worn out land planted to Kudzu soon becomes like the rich soil that has been recently cleared from the virgin forest. that although the hay is richer than

is perfectly hardy all over the United States deep roots live to a great age and become and endures the winters as far north as stronger and more vigorous as the years pass by, The roots penetrate so deeply as to make it proof against dry weather.

Kudzu should be given cultivation the first season. A full crop of corn or a good crop of potatoes, or any other similar crop, may be raised on the same land the first year, so the farmer does not lose the use of the land. After the first year no cultiva-tion is needed, as the vines will run all over the ground the next season, and take root at the joints, growing so rapidly as to choke out all other plants (even such pests as Johnson and Bormuda grasses), yet it is an easy matter to get rid of Kudzu if desired, for it has a peculiar habit of neither blooming or bearing seed under field culture, and the plants will only sprout from the crowns and can be killed by cutting off these crowns with a disk plow in hot, dry these crowns with a disk plow in hot, dry weather. When the crowns of Kudzu roots are cut off and exposed to sunshine for half a day or so they are killed, and the roots decay. While Kudzu is hardier and will stand more severe winters than ordinary alfalfa, and more abuse than most any other plant we know of, it is much more easily eradicated than alfalfa if one wants to get rid of it. Kudzu absolutely can not become a weed pest.

eradicated than altaita if one wants to get rid of it. Kudzu absolutely can not become a weed pest, If you have some non-productive, rough, hilly ground, that has heretofore been con-sidered worthless, you can transform it into one of the most profitable portions of your

Kudzu is a wonderful perennial legume. It The soil become, richer every year, and the farm. Set out the Kudzu plants on these hills, about 5 feet apart, on plowed strips 5 or 6 feet wide. These strips can be laid off 10 to 12 feet apart on the cross-way of hill-side to prevent washing. The second season these hills will be entirely covered with the finest crop of hay or pasture you ever saw.

Kudzu is a native of Japan, where it is a leading hay crop, and is highly recommended by the United States Department of Agriculture.

Growers are now propagating it almost entirely by transplanting young plants from old Kudzu fields, owing to the fact that the seed is very scarce and does not germinate readily in the open ground. They prepare the ground the same as for a crop of corn, and then check off into rows 5 or 10 feet each way, setting a plant at each check. If set 10 feet apart each way it only takes about 450 plants to set an acre, so you see it is not as big a job as one might imagine, and the time spent is a uery small consideration when you figure that once you get it planted it is there to stay as long as you want it.

We have a limited supply of both seed and plants to offer this season, and it would pay each of our customers to get started with this wonderful forage crop. By planting a few dollars' worth of seed or plants you would soon be able to grow enough young plants to set out a good acreage. All Kudzu seed sold by us is put up in sealed packages and guaranteed to be the best that can be bought. then check off into rows 5 or 10 feet

## PRICE OF KUDZU SEED

Per package, 25c; 5 packages, \$1.00; 12 packages, \$2.00; 20 packages, \$5.00; 35 packages, \$5.00; postpaid.

The Kudzu plants we have to offer are strong, self-inoculated, field grown roots of the best hay-making strain, and sure to give satisfaction. The setting of such plants insures getting a good start with this wonderful forage plant without delay, and the plants will multiply rapidly when once well established. The vines root at the nodes, after the manner of strawberries, producing an abundance of plants for setting.

The common method of putting out a field is to set the plants by hand. While it is a common, everyday matter for a man to set out a number of acres of cabbage, tomato, tobacco or sweet potatocs, setting each plant by hand, it is rather a shock

at first to consider putting out a hay or pasture field in this manner. When we come to scrutinize this objection, however, it seems to vanish in thin air, for the common practice of setting the plants ten feet apart cails for only about 450 plants to the acrc. This is a job not nearly so expensive as seeding an acre of alfalfa.

As for the time necessary before the field comes into full growth, interplanting in large measure absorbs the cost. The first pear Kudzu is interplanted with corn, cow peas, soy beans or other crops, with little or no deletcrious effect on yield. The second year enough growth to more than cover carrying charges is usually made, the field yielding a fairly good cutting of hay in the fall. By the third year full results may be expected.

Plants should be set out in the early

spring. Our supply of plants is limited, and as there is going to be an enormous demand for them this season, we recommend that our customers place their orders as early as possible. If you will send your order now, we can keep the plants for you until planting time. It would pay you to get enough to set out an acre if you can afford to do so. If you can't, get as many as you can afford and get a start this season, for it means delars in your pecket means dollars in your pocket.

#### Price of Kudzu Plants

12 for \$1.50; 25 for \$2.75; 50 for \$5.00; 100 for \$9.00;

Plants delivered prepaid, to any part of the United States, at these prices, and all plants guaranteed to be healthy, hardy, self-inoculated field grown

# GIVE The DASHEEN

We call the Dasheen a new vegetable because it is new in this country, but in fact it has been grown for years in China, and is known in various parts of Europe, Asia and South America.

The Dasheen is grown principally as a root crop, the tubers being used the same as Irish Potatoes. The tubers sometimes reach a weight of more than 6 pounds each. One hill will produce on good, rich soil 6 or 8 pounds or more of tubers, and in rare instances 20 to 26 pounds of Dasheens have been taken from a single hill. Crops of 600 to 900 bushels per acre have been produced.

From the interest that has already developed among Southern farmers who have become even slightly acquainted with the Dasheen, it surely looks as though this crop is destined to be of great importance to that section of the country. It can be grown as a summer crop in a region where the potato must be grown almost entirely as a spring crop, for it ripens its tubers in the early fall and furnishes them for the table at a season when Northern grown potatoes have to be shipped in.



A 5-lb. Dasheen Tuber

## Rivals The Potato 300 to 900 Bushels to the Acre!

The U. S. Department of Agriculture reports 1,400 bushels from less than 5 acres in Florida, and on their different experimental grounds have secured yields of 450 bushels to the acre.

Mr. A. I. Root, editor of Gleanings in Bee Culture, has this to say regarding the Dasheen: "Although the Dasheen is still mostly confined to the South, yet I might say that we are now growing our third crop here in Northern Ohio, and I feel more and more satisfied that it can be grown profitably all over our Northern states; and will ultimately prove to be one of our most nourishing and toothsome vegetables."

The "Country Gentlemen" published the following the says that we are now growing our third control of the control of the fried or German fried like potatoes.

The stems, when grown under a box or barried so we have a control of the says that we are now growing our third can be grown profitably all over our Northern states; and will ultimately prove to be one of our most nourishing and toothsome vegetables."

The stems, the delicate nutty flavor of the Dasheen is accentuated by this method of preparation. While these crisps are better when freshly made, they often keep their crispness for several days, depending on the amount of moisture in the air.

As a filling for fowl and other meats the Dasheen can hardly be surpassed. Served au gratin, that is, cooked with grated for German fried like potatoes.

The young leaves of the Dasheen make excellent greens, used like Spinach.

The stems, when grown under a box or barried so we have a control of the most delicious sales and the properties of the most delicious of all Dasheen disease.

of our most nourishing and toothsome vegetables."

The "Country Gentlemen" published the following regarding it: "Not only does the Dasheen promise well as a market crop once the public generally has recognized its merits, but in the meantime it is capable of furnishing food for home consumption. Its food value is higher than the potato, and about fifty per cent more protein and fifty per cent more starch. The flavor of the Dasheen is decidedly richer and more tempting than that of the potato."

Robert A. Young, of the Department of Agriculture, says that in more ways than one the Dasheen outdoes the potato.

Land that is too wet for ordinary crops can be used to advantage in growing Dasheens. They can be grown on lands that are subject to short overflows that would ruin most other crops, thus making much land available for food crops that is now considered worthless. They may also

now considered worthless. They may also be successfully grown in hot, dry regions, as has been demonstrated by tests in Arizona and in the desert regions of Southern

The Dasheen can be used in almost any way that Irish Potatoes or Sweet Potatoes can be used. They are excellent when baked, boiled, fried, creamed, stuffed, meat filled

The dor German fried like potatoes.

The young leaves of the Dasheen make excellent greens, used like Spinach.

The stems, when grown under a box or barrel, so as to be bleached, are equal to Asparagus. The Department of Agriculture says: "The shoots are very tender and have a delicate flavor, suggestive of mushrooms.

There are probably few plants so well suited a delicate flavor, suggestive of mushround.

There are probably few plants so well suited for forcing purposes as the Dasheen." Expended on by the Battle Creek periments carried on by the Battle Creek Sanitarium, at Battle Creek, Mich., indi-cate that 5 to 8 crops of these delicate shoots can be harvested. First cutting can be made in about 35 days after tubers are set in ground, and subsequent ones at intervals of 10 to 14 days.

f 10 to 14 days.

DASHEENS AS STOCK FEED. The United States Department of Agriculture, in their year book, have the following to say regarding the Dasheen as a stock food: "Algarding the Dasheen as a stock food: "Al-though extensive feeding experiments with the Dasheen have not yet been made, stock feed it is probably equal in value to the potato, sweet potato, or cassava. For this purpose, however, as with potatoes and sweet potatoes, Dasheens will, in general, be used only incidentally, as in cases of overproduction or of Dasheens unsuited in size or quality for market. They seem, in the raw state, to be more palatable to stock than potatoes and, while doubtless less or scalloped, and for Saratoga Dasheen Chips and Fritters they are delicious.

Dasheen crisps, made from raw Dasheen with a fluted vegetable slicer and fried in deep fat, are declared by some epicures bottom for same postatoes, they contain a higher proportion of protein to starch and more sugars than sweet potatoes. Both cattle price and hogs eat them with a relish after getubers deep fat, are declared by some epicures ting the taste, and pigs 8 months old have poses.

been fattened for the market in a month by turning them in the autumn into a patch of Dasheens."

of Dasheens."

Planting should be done as early in the spring as conditions of soil and climate will permit. For field culture the tubers are planted singly and entire, not more than 2 to 3 inches deep in hills 3 feet apart, the distance between rows being 4 feet. This will permit horse cultivation. In cultivating during the summer the soil should be gradually drawn to the plants and the ground kept free from weeds, but require little cultivation after large enough to shade the ground.

In growing Dasheens there seems to be no disease or insect enemy to contend with, as there is in growing potatoes. No dreaded potato bugs to be poisoned; no rot, scabs, blight, mildew or other trouble.

The leaves are large and very ornamental, resembling closely the Caladium Esculen

The leaves are large and very ornamental, resembling closely the Caladium Esculentum, or Elephant's Ear. Every town and city garden should plant a few of these interesting plants to see what the people in other parts of the world raise for food.

The Dasheen is sure to be a "gold mine" for growers in all parts of the country where the season is not too short. While we would not recommend it as a big money maker for the North we surely consider it

maker for the North, we surely consider it worthy of a place in every garden. If you haven't room to give them a trial in your garden, you can at least plant a few for ornamental purposes and at the same time ornamental purposes and at the same time grow enough of the tubers to find out what they are like. You will find them one of the finest vegetables and most showy ornamental foliage plants. This year is the time to get started with a few, so as to raise your own seed tubers for next year"s planting. As our stock of tubers is limited, we would recommend that you send your order early.

Don't buy field run tubers, as they are

Don't buy field run tubers, as they are more expensive even if bought at a lower price by the bushel. Our hand graded tubers are especially selected for seed pur-

# Price of Selected Seed Tubers

3 for 40c; 6 for 75c; 12 for \$1.25; 25 for \$2.00; 50 for \$3.75; 100 for \$7.00; delivered to you prepaid. Pamphlet giving cultural directions and recipes for preparing and cooking the Dasheens, free with each order.

## An Invitation to YOU from The MODEL

The Model Garden Club

The Model Garden Club is composed of Fruit Growers, Gardeners and other users of Nursery Stock and Seeds, who have found it best to "Grown their Own" planting stock. In this district, which is one of the principal Fruit and Vegetable districts of the country, we use immense quantities of Nursery Stock and Seeds. We have found that by growing our own, we can be certain of always having our stock true to name.

to name.
That which we do not ourselves grow, we have grown for us under contract, and as we supervise the planting, and rigidly inspect the stock during the growing season we know what we are planting.

We Have Supplied Other Growers all over the country during the past few years, with this same fine stock that we ourselves use. As all middlemen's profits are ellminated, these growers and gardeners have been able to get high-grade stock through the Garden Club, sometimes at less than the general wholesale price.

So Many Appreciative Letters have been received during the past summer

from growers in distant parts of the country, (last season we filled over fifty thousand separate orders) that we have decided this season to issue this catalog.

#### We Invite You

to take advantage of our facilities for sup-plying the best of Stock and Seeds, at but little above their cost. We grow this stock or have it grown, for our own use. And we use the best. Your order will be put up by experienced growers who will conscientiously pack your order as though for their own garden.

garden.

There Are No Charges

for "membership" or for anything else except the listed price of the stock and seeds as given in this Catalog. You simply send us your order (the order blank on this page is for your convenience) at the prices given. We caerfully select the stock, the kind we plant ourselves, pack it in the best possible manner, and send it to you all Charges Prepaid. When you receive the Stock and Seeds, if anything is not right, we make it right, by sending you stock that is right, without further cost to you.

You Can Send An Order

of any size, large or small, with the assurance that you will get the same grade of Stock and Seeds as though you went through our cellars and picked it out yourser. We send you stock that we plant ourselves, and we are very "fussy" about what we plant

Study This Catalog Carefully whether or not you place an order this year. Much practical experience of successful growers has been included in these pages and it will pay you to read it and get acquainted. Every additional grower securing stock through the "Model Garden Club" makes it just that much easier for all of us to get the Best of Nursery Stock and Seeda at Lower Prices for All.

READ THE SUGGESTIONS AT THE TOP OF THE NEXT PAGE to assist you in making out your order, and address your letter to the

MODEL GARDEN CLUB PAW PAW, MICHIGAN

(Cut out the Order Blank on this Line)

Please do not Write in This Space

MODEL	GARDEN	CLUB,	PAW	PAW,	MICHIGAN
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GENTLEMEN: I en	nclose \$for	which send me the	following goods, subject
	he Guarantee on the other		
any of this order tha	at does not arrive in good a	live growing condition	on.
	(Write Your Name and	Address Very Plain)	
Mr., Mrs.			
or Miss			

Please Use This Side for TREES, SHRUBS, VINES, etc., OTHER SIDE FOR SEEDS

Box No.....Sttate...

How Many?	Kind & Varlety of Trees, Plants, Bulbs, etc.	Amount	How Many?	Kind & Variety of Trees, Plants, Bulbs, etc.	Amo	unt
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	Carry Forward			Total of Nursery Stock		

## Some Suggestions to Assist You in Making out Your Order

#### Orderly System Saves Time

Seeds require a strong DRY package, while Nursery Stock must be kept Moist. So, we make separate packages of Seeds, Strawberry Plants and other Nursery Stock. Therefore, whether you use the Order Blank on this page, or whether you make a list on any kind of paper, please list Nursery Stock and Seeds separately,—a list of each.

#### The Prices Are "Net"

We cannot give discounts or reductions of any kind from the prices quoted. We can-not open "Charge Accounts" because that expense of keeping and collecting individual accounts would compel a raising of these

#### We Will Ship C. O. D.

and if you use the Order Blank below, listing the Nursery Stock on the first page of the Order Blank, and all the Seeds you wish to purchase on this side of the Blank, it will help us fill your order quickly and correctly.

Seeds and Nursery Stock Are

Packed and Mailed Separately

Seeds require a strong DRY package, while

#### All Seeds Are Inspected

for Purity, and then rigidly tested for Germination. You can order anything from this catalog with the assurance that it has been passed upon by the most particular growers whose living depends upon planting stock and seeds of high quality.

#### We Cannot Supply Anything Not Listed

in this catalog, because we will not Guarantee anything we do not grow, or have grown for ourselves. Stock we buy in the general market for our own use we do not

resell, because we have found by experience that the only certain way of knowing that such stock is true to name is to plant it and then wait for the crop.

#### Write Your Name and Address

very plain, at the top of the Order Blank, BEFORE you start to make out your order. The name or address or both are so frequently omitted from the order that we want to drive this home: WRITE YOUR NAME AND ADDRESS FIRST, then make out the order.

#### Use a Postoffice Money Order

in remitting. It is cheap, convenient and absolutely safe. Please do not send postage stamps, as so many get stuck together, and otherwise damaged as to be unusable. Your check on your local bank, or a Draft, or Express Order are satisfactory methods of making remittance, which should be made payable to the

MODEL GARDEN CLUB, PAW PAW, MICHIGAN

(Cut out the Order Blank on this Line)

#### This GUARANTEE Covers Everything You Order from this Catalog

We GUARANTEE the Nursery Stock and Seeds we sell to be true to name, free from insect or disease infestation, and to be sound, vigorous growing stock, and will replace, without charge, any stock or seeds proving otherwise. We guarantee safe arrival at destination, postage to be paid by us on all shipments ordered from us at catalog prices, (Except that the Nursery Stock described on pages 2, 3, 5 and 6 is sent CHARGES COLLECT).

#### MODEL GARDEN CLUB, PAW, PAW, MICH.

#### A GIFT TO YOU FOR A SMALL FAVOR

If, when sending your order, you will give us the names and addresses of a few friends who grow fruit or vegetables, we will add A VALUABLE GIFT to your order. Write the names here:

Name	***************************************	
A	.ddress	
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	ddress	
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Use This Side of the Order Blank for Ordering SEEDS Only

How I Pks.	Many Ozs.	KIND and Variety of SEEDS	Amo	ount	How I Pks.	Many Ozs.	KIND and Variety of SEEDS	Amount
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# Try These Model Seed Collections



MODEL VEGETABLE GARDEN

We believe this assortment to be the biggest value ever offered for such a low price. There are sixteen large, full-size packets, enough to plant a sizeable kitchen garden. The Model Vegetable Garden Collection contains one packet of each of the following:

BEET, Early Eclipse. BEAN, Choice Early. CABBAGE, All Season. CARROT, Oxheart. CUCUMBER, Everbearing.
MUSKMELON, Rocky Ford. WATERMELON, Kleckley's Sweet. PARSNIP, Imp'ved Hollow Crown. TURNIP, Early Purple Top.

LETTUCE, Black Seeded Simpson. SWEET CORN, Choice Early. ONION, Yellow Globe Danvers. PARSLEY, Champion Moss Curled RADISH, Prize Mixture. SQUASH, Genuine Hubbard. TOMATO, Stone.

These are all fresh, tested seeds, guaranteed true to name and sure to give you a garden in every way satisfactory to you.

## 16 Large Packets 50c Postpaid

## Model House Plant Seed Mixture

These Choice House Plants Almost Without Cost

Tuberons-Rooted Begonia Petunia, Giant Double Fringed Carnation, Extra Choice Donble White Chrysanthemum
Double Yellow Chrysanthemum
Calla, Calceolaria, Cincraria, Cyclamen,
Asparagns Fern, Fuchsia. Geranium, Gloxinia, Baby Rose, Lantana.

The choice varieties of the abovenamed plants are expensive, but we have a plan whereby you can secure a nice collection of the very choicest house plants at practically no cost. It is not necessary to pay enormous prices for these plants, for all of them can be grown from seed. Florists grow these plants from seed, and as soon as they are up and well rooted, sell them at high prices. You can grow them in the house easily and successfully, so there is no reason why you should not have as fine or a better collection of choice house plants than anyone else in your community. We will send you our House Plant Seed Packet, containing a few seeds of all of the above varieties of house plants, for only 35c, which is less money than you would pay a florist for only one plant. Were you to buy these seeds in full-size separate packets, this assortment would cost you over \$2.00, as many varieties of house plant seeds are hard to get and very expensive. With each packet we send full directions for planting the seed and caring for same. Wo have a good stock of these seeds and expect to be able to supply all our customers, but should we run out of one or more of the varietles named, we reserve the right to substitute other choice varieties of equal value or return your money. We would recommend that you

Packet 35 Cents

## Model Perennial Flower Garden

Every garden should contain a good assortment of perennial plants, as they remain in the ground year after year and require very little care. An easy and inexpensive way of obtaining them is to send for our Perennial Flower Seeds Package of 25 Varieties. Package, 10c; 3 for 25c; 7 for 50c; postpaid.

## Model Wild Flower Garden

Hundreds of Varieties of Pretty Flowers. At practically no cost the Children's Garden can be transformed into a delightfully attractive spot, overflowing with charm and fascination in its quaint, exquisite beauty and forming the most instructive of school rooms and the happiest of playgrounds. This mixture is especially prepared from a select list of hundreds of sorts—the colors and varieties being carefully proportioned to produce a constant and varied bloom the whole season, and will be found superior to any mixture before offered. In no other manner can so many different and rare varieties be obtained at such a small cost. It is suitable for any bare or unsightly spot in the yard, to sow along fences, embankments, etc. Pkt., 5c; oz., 20c; ¼ lb., 60c; postpaid.

## Model Oriental Flower Garden

This is a special collection of Japanese and Chinese flower seeds; rare, curious, showy and most handsome varieties, entirely adapted to our climate. It is from Japan that we obtain many of our most beautiful flowers, such as Chrysanthemums, Irises, Lilies, Paeonies. Oriental Poppies, etc., and many of our rarest, most curious, effective and showy varieties come from China. This Oriental Flower Garden contains a large assortment of varieties, all put up in one package. It would be expensive to buy them all in separate packets, as many of the varieties are very scarce, and not even offered by us in separate packets. Full directions for planting are sent with each package. This fine Oriental seed assortment will please you. Complete assortment (1 package) 10c; 3 for 25c; postpaid.

# Model Flower Seed Collection



Mixed. CALENDULA, Double Mixed. SCABIOSA, Extra Select. CALLIOPSIS, Finest Mixed. COSMOS, Fine Mixture. LARKSPUR, Mixed. MARIGOLD, Giant African. MORNING GLORY, Choice

16 Packets

POPPY, Double and Single, all colors. SWEET ALYSSUM. ZINNIA, Giant Dahlia-Flowered. ORIENTAL FLOWER GARDEN.

50c Postpaid

# 1 Year Old, Rooted CONCORD POSTPAID

These are selected, one-year-old, mailing size Concord Grape vines, from the famous "Grape Belt" of Southern Michigan, where the finest Concord Grapes in the world are produced. The growers here have raised Concords for nearly three-quarters of a century, and this grand variety has here been bred up to the general yield of A BUSHEL of the Finest Table Grapes

From EVERY CONCORD Grape Vine

Every garden should have at least a few of these wonderful vines. These Concord Grape Vines are hardy, and will grow and fruit, without winter protection, wherever frosts are not encountered after the first of May.

With a little, simple winter covering the Concord will succeed in the contract of the

in very cold locations and in the far North, for it takes a real freeze to injure the buds in late spring or to affect the fruit, injuriously, in the fall, as the crop is usually out of the way before really cold weather.

A dozen plants in your garden, or along the fence, will yield bushels and bushels of choice, ripe table grapes. Or the vines can be trained to cover the porch, creating cool shade, and producing

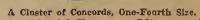
beautiful clusters of delicious fruit.

A Source of Delicious Foods and Healthful Beverages

The many delicious foods and healthful beverages that owe their existance to the Concord Grape, there is little need to mention. But a row or two of Concord Grape Vines in your garden means pantry shelves filled with Grape Jelly, Jam, Conserve, etc., that will form a welcome addition to all the meals throughout the year. And Concord Grape juice is the most valuable of all the fruit juices. It is concentrated food drink and is rich in the mineral food



elements-iron, the phosphates, etc., so necessary to human life and health. Where formerly these food elements were destroyed in the process of producing a poison, alcohol, we now benefit by their presence in natural, unfermented Grape Juice, a rich, nourishing, healthful food beverage. And the regular use of Grape Juice on the table is the best "health in-



#### Plant Pedigreed Grape Vines from World-Famous Vineyards

The one-year-old Concord Grape Vines we offer are of good size. With plenty of roots to start off with vigorous, rapid growth in your garden, and buds to produce the thrifty canes that will load your table with grapes.

They are the off-spring of selected grape vines in the world-famous Southern Michigan vine-yards. After a careful vine-to-vine inspection by a State Inspector, the canes that bore the quality fruit last season are carefully removed and made up into "cuttings" by experts.

These cuttings are burled in "callussing pits" for weeks, then dug up, planted in rows, cultivated and sprayed for a season. They are then dug, inspected and sorted, and are ready to send to you, to produce wonderful grapes in your garden. Last season we supplied over one hundred thousand of this same grade of vines to commercial grape growers right here in the Grape Belt. And where men make a business of growing the Concord Grape, they require the very best in the way of quality in the vines they buy to plant.

You can order these Concord Grape Vines from us and plant them by the dozen or by the thou-

Cents

sand with the assurance that you are getting vines of the very best quality.

With each shipment of these fine Concord Grape Vines we will send a copy of our four-page folder, "Modern Grape Culture," an illustrated, comprehensive, common-sense set of instructions on the planting and care of the Concord Grape. Each step in the work is helpfully illustrated with pictures and diagrams, and by following these simple, practical directions you will have success with your vines and roap a rich reward in luscious grapes.

We belleve we will have

we believe wo will have enough of these fine vines to fill all orders. But the demand for really good grape vines has increased every year. And each year we have been entirely sold out before the season was over. To be certain of getting your share of these fine vines it is best to order early, before the supply is exhausted. Your vines will be carefully packed, securely wrapped, and we GUARANTEE them to reach you in good, alive, growing condition. We will replace, without charge, any vines that are not received in good condition.

BY MAIL OR EXPRESS.

ALL CHARGES PREPAID

Three for 25c.

Hifteen for \$1.00

\$5.00 per Hundred.

\$40.00 per Thousand, Charges Prepaid.

MODEL GARDEN CLUB, PAW PAW, MICHIGAN